

February 10, 2003

Dear Examiner Wilkens -

Here are the results of your search request for case no. 09/530,721. If a modification or re-focus of the search is needed, please let me know.

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L Number	Hits	Search Text	DB	Time stamp
3	477	(312/213).CCLS.	USPAT	2003/02/10 14:53
4	4	("3588213"   "3876469"   "4179821"   "4247158").PN.	USPAT	2003/02/10 14:47
5	3	4709488.URPN.	USPAT	2003/02/10 14:48
7	16	3294461.URPN.	USPAT	2003/02/10 14:50
8	197	312/\$.ccls. and dishwasher	USPAT	2003/02/10 14:54
9	0	(312/\$.ccls. and dishwasher) not (312/\$.ccls. and dishwasher)	USPAT	2003/02/10 14:54
10	190	(312/\$.ccls. and dishwasher) not ((312/213).CCLS.)	USPAT	2003/02/10 14:56
11	3	("3679531"   "4732431"   "4850144").PN.	USPAT	2003/02/10 14:55
12	3	5908227.URPN.	USPAT	2003/02/10 14:56
13	0	dishwasher and (detachable same (control adj panel))	USPAT	2003/02/10 14:57
14	165	(detachable same (control adj panel))	USPAT	2003/02/10 15:04
15	13	("2627685"   "4124879"   "4321655"   "4322780"   "4621306"   "4625263"   "4722034"   "5003433"   "5070431"   "5097396"   "5255162"   "5434757"   "5537300").PN.	USPAT	2003/02/10 14:59
16	1	5727866.URPN.	USPAT	2003/02/10 14:59
17	491	door and (detachable same (control or controls))	USPAT	2003/02/10 15:08
18	26	(door and (detachable same (control or controls))) and (dishwasher or oven)	USPAT	2003/02/10 15:08
19	1275	panel and (detachable same (control or controls))	USPAT	2003/02/10 15:08
20	33	(panel and (detachable same (control or controls))) and (dishwasher or oven)	USPAT	2003/02/10 15:09

```
?show files;ds
File 348:EUROPEAN PATENTS 1978-2003/Feb W01
    (c) 2003 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20030130,UT=20030123
    (c) 2003 WIPO/Univentio
File 347:JAPIO Oct 1976-2002/Oct (Updated 030204)
    (c) 2003 JPO & JAPIO
File 351:Derwent WPI 1963-2003/UD,UM &UP=200309
    (c) 2003 Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
    (c) 2002 INPI. All rts. reserv.
```

Set	Items	Description
S1	1	AU='OYLER M':AU='OYLER M D'
S2	2	AU='KIESLER J'
S3	3	S1 OR S2
S4	3	IDPAT (sorted in duplicate/non-duplicate order)
S5	3	IDPAT (primary/non-duplicate records only)

5/3,K/1 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

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009683360 \*\*Image available\*\*

WPI Acc No: 1993-376914/199347

XRPX Acc No: N93-290996

**Fuel shroud system with spherical ferrule/drain can interface - comprises sealing ferrule including anti-torquing nut to enable sealing ferrule to be held rigid while swivel nut is torqued**

Patent Assignee: GENERAL ELECTRIC CO (GENE )

Inventor: DIALS C P; MERKLEY F W; **OYLER M D**

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5261240	A	19931116	US 92948569	A	19920923	199347 B

Priority Applications (No Type Date): US 92948569 A 19920923

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5261240	A	10		F02C-001/00	

...Inventor: **OYLER M D**

5/3,K/2 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

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007123518

WPI Acc No: 1987-123515/198718

XRAM Acc No: C87-051263

XRPX Acc No: N87-092264

**Sound absorber of mineral fibre structure - mfd. by removing short fibres and bonding long fibres at absorption face**

Patent Assignee: VEB MUSIKELTRN GEIT (MUSI-N); MUSIKELECTRONIC GEITHAIN GMBH (MUSI-N)

Inventor: KIESIER J; SENKE H; **KIESLER J**

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DD 241886	A	19870107	DD 281942	A	19851022	198718 B
DD 241886	B1	19940331	DD 281942	A	19851022	199417

Priority Applications (No Type Date): DD 281942 A 19851022

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DD 241886	A	3			

DD 241886 B1 B32B-019/00

...Inventor: **KIESLER J**

5/3,K/3 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI

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003917682

WPI Acc No: 1984-063226/198411

XRAM Acc No: C84-026981

XRPX Acc No: N84-047824

**Prepn. of shaped fibrous article - by impregnation with soln. of acrylic ter-polymer and homopolymer, contg. filler**

Patent Assignee: MERKEL U (MERK-I); VEB ZELLSTOFF PAPIE (ZELL-N)

Inventor: BOETTGER H; **KIESLER J**; SCHELLMANN E; SIEGEL S

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DD 204119	A	19831116	DD 236078	A	19811222	198411 B
DD 204119	B	19860312				198628

Priority Applications (No Type Date): DD 236078 A 19811222

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DD 204119	A	9		

...Inventor: **KIESLER J**

?show files;ds  
File 347:JAPIO Oct 1976-2002/Oct (Updated 030204)  
    (c) 2003 JPO & JAPIO  
File 351:Derwent WPI 1963-2003/UD,UM &UP=200309  
    (c) 2003 Thomson Derwent  
File 371:French Patents 1961-2002/BOPI 200209  
    (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	798913	RECESS?? OR-CONCAV??? OR INCURV??? OR SUNKEN OR (BOWL OR C- RATER OR SAUCER OR SPOON)() (SHAPE? ? OR LIKE) OR INDET? OR H- OLLOW OR GROTTO OR NICHE OR ALCOVE
S2	4605699	CONTROL? ? OR KEY? ? OR BUTTON? ? OR KNOB? ? OR STUD OR ST- UDS OR INPUT? ? OR TOUCH OR DIAL? ? OR DISPLAY? ?
S3	7225586	PANEL? ? OR PLATE? ? OR PAD OR MOUNT??? OR BOARD? ? OR CEN- TER? ? OR DEVICE? ?
S4	4370	KEYPAD OR CONTROLPANEL OR CONTROLBOARD OR TOUCHPAD
S5	2896729	DOOR? ? OR LID? ? OR FRONT? ? OR COVER? ? OR EXTERIOR? ? OR OUTSIDE? ? OR OUT()SIDE? ? OR FACADE? ? OR FACE? ? OR ANTERI- OR? ?
S6	145767	DISHWASHER? ? OR APPLIANCE? ? OR GE OR GENERAL()ELECTRIC OR KENMORE OR MAYTAG OR BOSCH OR AMANA
S7	526972	S2()S3
S8	530318	S4 OR S7
S9	983	S1(5N)S8
S10	5599	S5(10N)S6
S11	1	S9(10N)S10
S12	1709	S1(10N)S8
S13	13689	S5(S)S6
S14	7	S12(S)S13
S15	7	IDPAT (sorted in duplicate/non-duplicate order)
S16	7	IDPAT (primary/non-duplicate records only)

16/3,K/1 (Item 1 from file: 351)

DIALOG(R)File 351:Derwent WPI

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010889043 \*\*Image available\*\*

WPI Acc No: 1996-385994/199639

XRAM Acc No: C96-121488

XRPX Acc No: N96-325353

Appliance, e.g. **recessed-mount** dishwasher, - with recessed control panel **concealed in door edge providing easy, ergonomic operation and concealment when not in use**

Patent Assignee: CANDY SPA (CNDY )

Inventor: FUMAGALLI S

Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 728437	A1	19960828	EP 95202335	A	19950829	199639 B
EP 728437	B1	20010502	EP 95202335	A	19950829	200125
DE 69520821	E	20010607	DE 620821	A	19950829	200140
			EP 95202335	A	19950829	

Priority Applications (No Type Date): IT 95UMI119 U 19950224

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 728437 A1 E 8 A47L-015/42

Designated States (Regional): DE FR IT

EP 728437 B1 E A47L-015/42

Designated States (Regional): DE FR IT

DE 69520821 E A47L-015/42 Based on patent EP 728437

Appliance, e.g. **recessed-mount** dishwasher, - ...

...with recessed control panel **concealed in door edge providing easy, ergonomic operation and concealment when not in use**

...Abstract (Basic): An electrical appliance with **recessed** mount comprises a **front** loading **door** (1) with a **control panel** mounted and **recessed** on its top edge (4), for access by partially opening the **door** with a programme selector knob (9) operated by edgewise manual actuation, and display window (13...).

16/3,K/2 (Item 2 from file: 351)

DIALOG(R)File 351:Derwent WPI

(c) 2003 Thomson Derwent. All rts. reserv.

010036416 \*\*Image available\*\*

WPI Acc No: 1994-304127/199438

XRPX Acc No: N94-239159

**Box for meditating and yoga exercises and as aid for headstands - has woollen covering, opening for head and shoulder strips, carrier, lid, loudspeakers and display panel**

Patent Assignee: BOESL J (BOES-I)

Inventor: BOESL J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4414096	A1	19940929	DE 4414096	A	19940422	199438 B

Priority Applications (No Type Date): DE 4414096 A 19940422

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 4414096 A1 3 A63B-026/00

...Abstract (Basic): carried by a strap or cord fixed to the side, and is

closed by a lid (5). Loud speakers (6) are incorporated at ear level. A display panel for a biofeedback appliance is near the eyes. Gripper recesses (8) are beneath the shoulder strips (3...).

16/3,K/3 (Item 3 from file: 351)

DIALOG(R)File 351:Derwent WPI  
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009730836 \*\*Image available\*\*

WPI Acc No: 1994-010686/199402

Related WPI Acc No: 1993-329301

XRPX Acc No: N94-008578

Dishwasher of built-in type with concealed control panel - has front loading door with knob for electromechanical timer fitted into recess in control panel on upper part

Patent Assignee: FAVARO D (FAVA-I); ZANUSSI ELETTRODOMESTICI SPA (ZANU )

Inventor: FAVARO D

Number of Countries: 005 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2269002	A	19940126	GB 9315083	A	19930721	199402 B
FR 2693897	A1	19940128	FR 939023	A	19930722	199408
CA 2101134	A	19940124	CA 2101134	A	19930722	199415
US 5365959	A	19941122	US 9394557	A	19930720	199501
GB 2269002	B	19950719	GB 9315083	A	19930721	199532

Priority Applications (No Type Date): IT 92UPN27 U 19920723

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2269002	A	12		A47L-015/00	
US 5365959	A	6		A47L-015/42	
FR 2693897	A1			A47L-015/42	
CA 2101134	A			A47L-015/02	
GB 2269002	B			A47L-015/00	

Dishwasher of built-in type with concealed control panel...

...has front loading door with knob for electromechanical timer fitted into recess in control panel on upper part

...Abstract (Equivalent): being settable by means of a front knob, wherein said knob is fitted into a recess provided in said control panel, the lateral surface of the knob being accessible from above through an opening provided on...

...Abstract (Equivalent): is adjustable by means of a front knob (6) having a side. There is a niche (7) in the control panel (3), the knob (6) being built into the niche (7), and an opening (8) on a top edge of the control panel (3) providing...

16/3,K/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

06897997 \*\*Image available\*\*

DISPLAY DEVICE AND DISPLAY METHOD

PUB. NO.: 2001-125507 [JP 2001125507 A]

PUBLISHED: May 11, 2001 (20010511)

INVENTOR(s): KANEKO HIROHIKO  
PHILIP M GROVE

APPLICANT(s): ATR NINGEN JOHO TSUSHIN KENKYUSHO KK

APPL. NO.: 11-306542 [JP 99306542]

FILED: October 28, 1999 (19991028)

ABSTRACT

...method which reduces the fatigue of an observer.

SOLUTION: The display screen 1 of the **display device** is formed into a **concave face** approximately along the psychophysical zero-parallax plane. When the center of the screen is regarded...

... in the normal line direction, respectively, the display screen 1 is curved into a concave **face** with the curvature in a horizontal plane ranging from a curvature expressed by  $y=-0...$

... by  $y=-0.035x^2$ . Also the screen is tilted backward at an angle  $\theta$ ; ranging & ge ;3 degrees to & le;30 degrees in a vertical direction and is placed at a distance of & ge ;25 cm and & le;60 cm from the observer.

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**16/3,K/5 (Item 5 from file: 347)**

DIALOG(R)File 347:JAPIO

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06232639 \*\*Image available\*\*  
VISUAL FIELD EXPANDING FILM, PRODUCTION THEREOF AND LIQUID CRYSTAL DISPLAY DEVICE

PUB. NO.: 11-174208 [JP 11174208 A]  
PUBLISHED: July 02, 1999 (19990702)  
INVENTOR(s): TAGAMI MASAKATSU  
APPLICANT(s): SEKISUI CHEM CO LTD  
APPL. NO.: 09-346613 [JP 97346613]  
FILED: December 16, 1997 (19971216)

ABSTRACT

... mounted superimposedly in the case of using both sides of the film as a structural **face**, and to provide the liquid crystal display device using the film.

SOLUTION: In this visual...

...the diameter of 1 to 1000  $\mu$ m, the depth of a central part of & ge ;1  $\mu$ m which is & le;13 thickness of a transparent film 1 on at...  
...one side of the transparent film 1 and concerning the production thereof and liquid crystal **display device** using the same, a lot of mortar-shaped **recesses** 12 and 14 are provided by dispersing fine spherical bodies over the surface of a...

**16/3,K/6 (Item 6 from file: 347)**

DIALOG(R)File 347:JAPIO

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05557908 \*\*Image available\*\*  
CONTROL PANEL

PUB. NO.: 09-172708 [JP 9172708 A]  
PUBLISHED: June 30, 1997 (19970630)  
INVENTOR(s): SUZUKI HIROMITSU  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-327282 [JP 95327282]  
FILED: December 15, 1995 (19951215)

ABSTRACT

...SOLUTION: In this **control panel** 10, a **recessed** space part 4 having

a cut of same width in the direction of the width of a **door** 1 is formed of both vertical surface 2 and horizontal surface 3 forming the corner part of the upper end and the lower end of the surface of the **door** 1, and it has the same angle as the corner forming part so as to...

...color applied to its vertical surface 2 is detachably installed from the inside or the **outside** of the **door** 1, and therefore, a mounting position for a name faceplate or the like can be ensured by effectively using a space without being influenced by the mounting of a required **appliance** in the surface of the **door** body 1. Also, the color of the plate 5 in which the name of the...

... the like is written is changed to a different color from the color of the **door** body 1, thereby being able to perform discriminative display for every system of the respective...

16/3,K/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2003 JPO & JAPIO. All rts. reserv.

04355066 \*\*Image available\*\*  
ILLUMINATED DISPLAY DEVICE

PUB. NO.: 05-346766 [JP 5346766 A]  
PUBLISHED: December 27, 1993 (19931227)  
INVENTOR(s): SHIGEMICHI HIROKI  
APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 04-156652 [JP 92156652]  
FILED: June 16, 1992 (19920616)  
JOURNAL: Section: P, Section No. 1721, Vol. 18, No. 189, Pg. 30, March  
31, 1994 (19940331)

#### ABSTRACT

...board 3 from its rear surface within a case 2. LEDs 7 are as lighting **appliances** are respectively mounted into the respective bottoms of the recessed parts 6 having the shapes...

...side is mounted on the surface of the case 2. The shadow parts of the **recessed** parts 6 of the illuminated **display device** 1 are gray but the case surface is gray and the gray smoke filter 10 is mounted on its **front** surface and, therefore, the surface of the smoke filter 10 is completely gray alone and...

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?show files;ds
File 179:Architecture DB 1987-2003/Jan
    (c) 2003 Royal Inst. of Brit. Architects
File 439:Arts&Humanities Search(R) 1980-2003/Feb W1
    (c) 2003 Inst for Sci Info
File 8:Ei Compendex(R) 1970-2003/Feb W1
    (c) 2003 Elsevier Eng. Info. Inc.
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
    (c) 2002 The Gale Group
File 111:TGG Natl.Newspaper Index(SM) 1979-2003/Feb 06
    (c) 2003 The Gale Group
File 94:JICST-EPlus 1985-2003/Nov W3
    (c)2003 Japan Science and Tech Corp(JST)
File 141:Readers Guide 1983-2003/Dec
    (c) 2003 The HW Wilson Co
```

Set	Items	Description
S1	75141	RECESS?? OR CONCAV??? OR INCURV??? OR SUNKEN OR (BOWL OR CRATER OR SAUCER OR SPOON)() (SHAPE? ? OR LIKE) OR INDET? OR HOLLOW OR GROTO OR NICHE OR ALCOVE
S2	1928843	CONTROL? ? OR KEY? ? OR BUTTON? ? OR KNOB? ? OR STUD OR STUDS OR INPUT? ? OR TOUCH OR DIAL? ? OR DISPLAY? ?
S3	1836902	PANEL? ? OR PLATE? ? OR PAD OR MOUNT??? OR BOARD? ? OR CENTER? ? OR DEVICE? ?
S4	1204	KEYPAD OR CONTROLPANEL OR CONTROLBOARD OR TOUCHPAD
S5	804513	DOOR? ? OR LID? ? OR FRONT? ? OR COVER? ? OR EXTERIOR? ? OR OUTSIDE? ? OR OUT()SIDE? ? OR FACADE? ? OR FACE? ? OR ANTERIOR? ?
S6	209028	DISHWASHER? ? OR APPLIANCE? ? OR OVEN? ? OR STOVE? ? OR MICROWAVE? ? OR TOASTEROVEN? ? OR REFRIGERATOR? ? OR FREEZER? ? OR KENMORE OR MAYTAG OR BOSCH OR AMANA OR WHIRLPOOL
S7	64191	S2()S3
S8	65222	S4 OR S7
S9	8	S1(5N)S8
S10	2651	S5(10N)S6
S11	0	S9(10N)S10
S12	17	S1(10N)S8
S13	0	S10(S)S12
S14	6663	S5(S)S6
S15	0	S12(S)S14
S16	0	S12 AND S14
S17	997289	S5 OR S6
S18	0	S12(10N)S17
S19	4	S12 AND S17
S20	68977	S2(N)S3
S21	18	S1(10N)S20
S22	3	S17 AND S21
S23	79	S1(S)S20
S24	24	S17 AND S23
S25	22	S24 NOT PY>2001
S26	21	S25 NOT PD=20010816:20030331
S27	21	RD (unique items)

27/3,K/1 (Item 1 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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04174042 E.I. No: EIP95042668233

Title: Novel low-cost 2D/3D switchable autostereoscopic system for notebook computers and other portable devices

Author: Eichenlaub, Jesse B.

Corporate Source: Dimension Technologies Inc., Penfield, NY, USA

Conference Title: Stereoscopic Displays and Virtual Reality Systems II

Conference Location: San Jose, CA, USA Conference Date: 19950207-19950208

E.I. Conference No.: 22224

Source: Proceedings of SPIE - The International Society for Optical Engineering v 2409 1995. Society of Photo-Optical Instrumentation Engineers, Bellingham, WA, USA. p 113-117

Publication Year: 1995

CODEN: PSISDG ISSN: 0277-786X ISBN: 0-8194-1756-4

Language: English

Abstract: Mounting a lenticular lens in **front** of a flat **panel display** is a well known, inexpensive, and easy way to create an autostereoscopic system. Such a...

...2D and half resolution 3D imaging modes. A second element, in the form of a **concave** lenticular lens array whose shape is exactly the negative of the first lens, is mounted...

27/3,K/2 (Item 2 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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04141070 E.I. No: EIP95042672752

Title: Outline of improved equipment design and control in high convection hydrogen furnace annealing of copper

Author: Anon

Source: Industrial Heating v 62 n 3 Mar 1995. p 47-52

Publication Year: 1995

CODEN: INHTAZ

Language: English

...Abstract: improvement of a high-convection, hydrogen bell-type furnace facility, the inner loads columns and **concave cover** of the workbase may be made more robust by using more heat-resistant steel characterized...

...for bright annealing of copper mill products it is essential to establish and implement a **control center**. The automation consists of three levels: (1) slave (workbase controller) and master (data concentrator); (2...

27/3,K/3 (Item 3 from file: 8)

DIALOG(R)File 8:EI Compendex(R)

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03577060 E.I. Monthly No: EIM9303-017173

Title: GaAs MESFETs and related monolithic structures as broadband microwave **control devices**.

Author: Gutmann, Ronald J.

Corporate Source: Rensselaer Polytechnic Inst, Troy, NY, USA

Conference Title: Proceedings of the 19th European Microwave Conference

Conference Location: London, Engl Conference Date: 19890904

E.I. Conference No.: 17595

Source: Conference Proceedings - European Microwave Conference n 19. Publ

by Microwave Exhibitions & Publ Ltd, Turnbridge Wells, Engl. p 107-116  
Publication Year: 1989  
CODEN: CEMCDJ ISBN: 0-946821-76-3  
Language: English

**Title: GaAs MESFETs and related monolithic structures as broadband microwave control devices.**

...Abstract: control components such as switches, phase shifters and variable attenuators. In this review GaAs MESFET **control devices** are compared with Si PIN diodes, with an emphasis on device and technology capabilities. Models of the low power switching performance of conventional **recess** gate MESFETs will be presented, emphasizing the dependence of equivalent circuit parameters on material parameters...

...on the reduced capability at low frequency. Other MMIC control technologies are compared with conventional **recessed** -gate MESFET device structures. (Author abstract)

**27/3,K/4 (Item 4 from file: 8)**

DIALOG(R)File 8:EI Compendex(R)  
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.

03099130 E.I. Monthly No: EI9108089085

**Title: Simple low cost footswitch.**

Author: Liggins, A. B.; Bowker, P.

Corporate Source: Univ of Salford, Salford, Engl

Source: Journal of Biomedical Engineering v 13 n 1 Jan 1991 p 87-88

Publication Year: 1991

CODEN: JBIEDR ISSN: 0141-5425

Language: English

...Abstract: the eight raised keys on this unit houses a small carbon pad mounted in the **recess** beneath the key's upper surface such that, if the **key pad** is laid on a flat surface, there is a 0.5 mm gap between the surface and the lower **face** of the carbon pad. The middle layer of the switch unit comprises two pieces of...

...switch, the two pieces of brass shim are first glued to the backing, and the **key pad** then glued onto the shims. 5 Refs.

**27/3,K/5 (Item 5 from file: 8)**

DIALOG(R)File 8:EI Compendex(R)  
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02906151 E.I. Monthly No: EIM9005-022412

**Title: New face down bonding technique using a low melting point metal.**

Author: Mori, Miki; Saito, Masayuki; Hongu, Akinori; Niitsuma, Akira; Ohdaira, Hiroshi

Corporate Source: Toshiba Corp Research & Dev Cent, Kawasaki, Jpn

Conference Title: Sixth IEEE/CHMT International Electronic Manufacturing Technology Symposium

Conference Location: Nara, Japan Conference Date: 19890426

E.I. Conference No.: 13073

Source: Sixth IEEE CHMT Int Electron Manuf Technol Symp. Publ by IEEE, IEEE Service Center, Piscataway, NJ, USA. Available from IEEE Service Cent (cat n 89CH2741-7), Piscataway, NJ, USA. p 112-116

Publication Year: 1989

Language: English

**Title: New face down bonding technique using a low melting point metal.**

Abstract: The authors have developed a **face** -down bonding technique for use in making an LCD (liquid-crystal- **display** ) **panel** . The maximum bonding temperature is limited by the heat resistance temperature for the

liquid-crystal...  
...degree C. This technique is called the low-melting-point-metal connection (LMC) technique. Shallow- **bowl - shaped** bumps of low-melting-point metal, 10-20-  $\mu$  high, were formed on the IC...  
Identifiers: BUMP FORMATION; LCD PANELS; CHIP ON GLASS METHOD; **FACE DOWN BONDING**; LOW MELTING POINT METAL CONNECTION

27/3,K/6 (Item 6 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.  
01811554 E.I. Monthly No: EI8510097027 E.I. Yearly No: EI85122835  
Title: **HIGH-SPEED SELF-CLEANING FILTERS IN PROCESSES OF CLEANING RETURN WATER FROM BY-PRODUCT COKE INDUSTRY.**  
Author: Evzel'man, I. V.; Maizlik, D. L.; Miropol'skii, M. U.; Obukhov, A. A.; Sepegin, A. N.; Belavin, S. L.; Pod'yachikh, V. E.  
Corporate Source: Eastern Scientific Research Inst of Coal Chemistry, USSR  
Source: Coke & Chemistry (USSR) (English translation of Koks i Khimiya) n 10 1984 p 81-86  
Publication Year: 1984  
CODEN: COKCA8 ISSN: 0010-0501  
Language: ENGLISH

...Abstract: a single filtering element. It possesses the following principal members and sections: 1) body; 2) **cover**; 3) filtration element; 4) washing device; 5) electric motor with a two-stage work-screw...

...connecting piece to convey raw water to treatment; 7) to remove water already treated; 10 **hollow** shaft. It is shown that the HSF type filters are simple and reliable when used; they function in an automatic mode. Tending them amounts to recording the readings of measurement- **control devices**, the selection of samples for analysis, checking up on devices, and checking for the presence...

27/3,K/7 (Item 7 from file: 8)  
DIALOG(R)File 8:EI Compendex(R)  
(c) 2003 Elsevier Eng. Info. Inc. All rts. reserv.  
01748702 E.I. Monthly No: EI8504024271 E.I. Yearly No: EI85000137  
Title: **MONTE CARLO CALCULATIONS OF THE BREMSSSTRAHLUNG RADIATION ENVIRONMENT EXPECTED IN THE FUTURE PARTICLE BEAM FUSION ACCELERATOR FACILITY PBFA II.**  
Author: Sweeney, M. A.; Olsen, J. N.  
Corporate Source: Sandia Natl Lab, Pulsed Power Theory Div, Albuquerque, NM, USA  
Source: Nuclear Science and Engineering v 89 n 3 Mar 1985 p 233-246  
Publication Year: 1985  
CODEN: NSENAAO ISSN: 0029-5639 ISBN: 0-471-90122-9  
Language: ENGLISH

...Abstract: with its operation and maintenance have been investigated. The authors find that an array of **control devices** located in the east **alcove** of the basement should be moved to the main control/monitor screen room in the low bay. A thicker top **cover** on the vacuum chamber and a higher water level in the pulse-forming section allow...

...be removed from the basement. The two-stage shield consists of a thick steel bottom **cover** on the vacuum chamber and a thick shield wall on the north **alcove** of the basement. 10 refs.

27/3,K/8 (Item 8 from file: 8)

DIALOG(R)File 8:EI Compendex(R)  
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00578349 E.I. Monthly No: EI7611074179 E.I. Yearly No: EI76030733

**Title: SOLAR FURNACE: IMAGE OF A THOUSAND SUNS.**

Author: Douglas, John H.

Source: Energies: Journal of the Solar Energy Society of America v 2 n 3  
Jun 1976 p 7-8

Publication Year: 1976

CODEN: ENRGD5

Language: ENGLISH

...Abstract: solar energy, and weather conditions permit about 1200 hr operation per year. The parabola, which **faces** north, is built into one wall of a thin building that holds offices and laboratories for the scientists at Odeillo. In **front** of it, on the mountainside, the south-facing flat mirrors, called heliostats, must be carefully...

...up the giant parabola onto a focal point 18 meters away, where a small, raised **control center** houses targets up to 200 square centimeters in area. Temperatures as high as 3,800...

...pure energy, from one direction, on such a large surface. To perform the operation, shutter **doors** are placed a few feet in **front** of the focal point; they must be water cooled and can open and shut in about one-tenth of a second. Another application of the furnace is to **hollow** out crucibles of refractory materials that would be impractical to machine conventionally.

**27/3,K/9 (Item 1 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)

(c) 2002 The Gale Group. All rts. reserv.

09112267

Diversifying export mart

MALAYSIA: ASTRAL TO PENETRATE AUSTRALIAN MARKET  
Business Times Malaysia (XAR) 01 Jun 1999 p.5

Language: ENGLISH

Consistent with its strategy to concentrate on **niche** market, Astral Supreme Bhd of Malaysia is planning to venture into making **control panels** for home **appliances** and power tools. The company which manufacturers components for telecommunication gadgets and personal computers, also...

**27/3,K/10 (Item 1 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

04137104 JICST ACCESSION NUMBER: 99A0145814 FILE SEGMENT: JICST-E  
**Spectacles type image display unit: Eye-Trek. HMD using the eccentric adjustable surface prism.**

KENNO TAKAYOSHI (1)

(1) Olympus Opt. Co., Ltd.

Gazo Rabo, 1999, VOL.10,NO.1, PAGE.68-71, FIG.5

JOURNAL NUMBER: L2340AAI ISSN NO: 0915-6755

UNIVERSAL DECIMAL CLASSIFICATION: 681.327.2 621.385:621.397

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Introduction article

MEDIA TYPE: Printed Publication

ABSTRACT: Spectacles type image display unit FMD ( Face Mounted Display

Eye-Trek was developed as a new HMD. It is fit to a **face** just like sunglasses and affords a view of strong appeal like a image of 62...

...are worn, see-around function for circumference. Eye-Trek adopts no conventional optical system and **concave** mirror, but an optical system of eccentric adjustable surface prism.

27/3,K/11 (Item 2 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2003 Japan Science and Tech Corp(JST). All rts. reserv.

02014892 JICST ACCESSION NUMBER: 94A0214082 FILE SEGMENT: JICST-E  
**An Experiment on Two-colors Dischagte Display of Glass Block Type.**  
RYUKO MASATOSHI (1); FUJINO TATSUSHI (1); KUBO MAKOTO (2); ITATANI RYOHEI  
(3)  
(1) Akashi Technical College; (2) Kyoto Univ., Faculty of Engineering; (3)  
Niihama National College of Technology  
Denki Gakkai Ronbunshi. C(Transactions of the Institute of Electrical  
Engineers of Japan. C), 1994, VOL.114, NO.1, PAGE.35-41, FIG.12, REF.8  
JOURNAL NUMBER: S0810AAN ISSN NO: 0385-4221  
UNIVERSAL DECIMAL CLASSIFICATION: 621.385:621.397 692.2  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

...ABSTRACT: and are well effective on lighting and decoration. A glass block is originally clear and **hollow**. If we set a pair of electrodes and pack proper gases in it, we can...

...efficiency was low, we could obtain the following good results. (1) We have formed a **display panel** with 5\*7 dots by 35 blocks and could indicate alphabets and Arabic figures in...

...The negative glow in a square block could be covered too by the blind in **front** of the cathode. (4) The luminous color was considerably vivid.  
That is, the red was...

...BROADER DESCRIPTORS: **face** ;

27/3,K/12 (Item 1 from file: 141)  
DIALOG(R)File 141:Readers Guide  
(c) 2003 The HW Wilson Co. All rts. reserv.

04864342 H.W. WILSON RECORD NUMBER: BRGA02114342 (USE FORMAT 7 FOR  
FULLTEXT)  
**Double Duty.**  
AUGMENTED TITLE: Architectural design of auditorium-performing-arts center  
of the Taconic Hills Central School in Craryville, N.Y.  
Lampert-Greux, Ellen.  
Entertainment Design v. 35 no7 (July 2001) p. 32-3  
WORD COUNT: 2244

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... this state-of-the-art room has a stage with a dual personality: it both **faces** a 1,000-seat proscenium theatre, and can open toward an outdoor amphitheatre in the...

...is in a school where catwalks would be considered a danger, there is a motorized **front** -of-house truss instead, adding more of a Broadway look to the room. House lights include both **recessed** downlights in the ceiling and custom-designed sconces on the walls. These are controlled by...

...which is separate from the theatrical lighting control. The Unison system has both a master **control panel** and remote entry stations so that the house lights can be turned on without running...

...Rustique (red), Charcoal, and Mesa Buff (earth tone) by Sherwin Williams. The rear wall is **faced** with acoustic panels by Capaul Corporation (fabric over fiberboard) in teal and magenta, and these...

...one, we will." In this case, a giant garage-style Wayne Dalton Thermospan Insulated Sectional **Door**, measuring 24' tall by 33' wide, opens overhead via manual or automatic control as the...

...This is a sunken area with grassy tiers supported by concrete walls," Pulver adds.

The **exterior** wall of the theatre serves as the proscenium when the stage is open to the...level, the slope of the floor has an isometric curve, a little shallower in the **front** than a straight, flat rake. The seats are also staggered to improve viewing. Since it...

...was provided by BMI Supply in Queensbury, NY.

In addition to the overhead electrics and **front** -of-house truss, lighting positions include side booms set into alcoves in the walls, and a continuous rail along the balcony **front**. The side booms have easy access via **doors** on the balcony level and from a second-floor corridor that opens onto a platform...

...independent. "It's not like you are walking down a hallway and there is the **door** to the auditorium. You can lock the rest of the school and still have good access for **outside** groups to use the space ...amphitheatre at Taconic Hills (below) is separated from the indoor theatre by a giant garagestyle **door** and features a sunken area with grassy tiers supported by concrete walls. The 1,000...

**27/3,K/13 (Item 2 from file: 141)**

DIALOG(R)File 141:Readers Guide

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04053898 H.W. WILSON RECORD NUMBER: BRGA99053898 (USE FORMAT 7 FOR FULLTEXT)

**Virtual reality 2.0.**

Saunders, Fenella.

Discover v. 20 no9 (Sept. 1999) p. 32+

WORD COUNT: 1348

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... if she were living in a separate world. Tucked away in her steel-and-glass **alcove**, she ignores the noise and flashing numbers. Instead, she focuses her attention on NYSE's new virtual trading floor, a flat 6-by-4-foot **display panel** showing a computer-generated model of all the trading activity.

With a flick of her...

...pulse of the Exchange as never before. "People first thought it was just a pretty **face**, but they're beginning to rely on it already," Allen says. "It gives a better..."

**27/3,K/14 (Item 3 from file: 141)**

DIALOG(R)File 141:Readers Guide

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03806084 H.W. WILSON RECORD NUMBER: BRGA98056084 (USE FORMAT 7 FOR

FULLTEXT)  
**Pentium II-400s crash the \$2000 barrier.**  
AUGMENTED TITLE: top 100  
PC World v. 16 no9 (Sept. 1998) p. 191-8+  
WORD COUNT: 34162

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... fuzzy and slightly bowed in our tests--those who spend a lot of time in **front** of their monitor might want something crisper. The Altec Lansing speaker system isn't bad...400 performance, not much. Quantex's documentation is a bit slim on upgrade information but **covers** technical issues extensively. We did have a problem with the company's technical support--the...

...AGP card later. It's literally a snap: Press a button on the PC's **front**, flick the case-lock switch at the back, and the **cover** swings up and out of the way. Expansion cards are mounted on a separate chassis...and out of the way, while the chassis exhibits very little flex even with the **cover** off.

Buyers expect a PII-400 system to be fast, and the Vectra VL Series... has a rear power switch that must be set to the on position before the **front** power button will work--something novices can easily overlook. Another potential trap for newbies is...

...to this system is NexTrend's support, which is inconsistent. NexTrend's unusual warranty package **covers** the CPU, RAM, monitor, and keyboard for only one year--too short a guarantee on...instructions and troubleshooting guides.

Sys backs up its products with a limited parts warranty that **covers** the processor and RAM for six years, and the rest of the PC's components... large number of workstations efficiently. Undoing a few screws by hand and popping the side **cover** off, we got inside the Deskpro in about 30 seconds. The expansion slots are on...

...and easy to read..

Compaq rounds out the package with excellent support policies. The company **covers** parts for three years and labor for one, and technicians are available around the clock...curved top prevents it.

Color-coded cables and ports make attaching peripherals easy. And the **cover** is a breeze to remove, too: Just twist off the two large screws with your...161, the B8 is a bargain.

The boxy case lacks conveniences like a quick-release **cover** and color-coded port labels, but the system is sturdy. The confusing system manuals may...

...available around the clock, handled our anonymous calls in a helpful manner. CyberMax's warranty **covers** parts for three years and labor for one.

Note: The following article is the original...you want your PC to move so fast that you feel the wind on your **face**, take note: This \$2149 midtower's lackluster PC WorldBench score of 151 trails that of...

...keyboard was too noisy and felt flimsy.

Getting inside is easy--just pop off the **front** panel. Four free slots and four open drive bays provide expandability; the bays are mounted ...Our biggest problem was removing the case. You have to pry the bezel off the **front** of the system just to get to the three Phillips-head screws that secure the...You'll also have a hard time keeping this PC's warranties straight. Sys Technology **covers** different parts of its systems for different periods of time. The good news is that...

...support plan and doleful performance keep it from cracking the chart. The sturdy minitower nicely **covers** all the hardware essentials, although

the poor-quality monitor and keyboard are a disappointment. You...to the top.

You'll like the look of this sleek, charcoal-gray notebook. The **front** has swept curves instead of the flat bulldog **face** that you find on most portables. At 1.5 inches, the Latitude is slightly thinner...fan of minimalism, you'll like the Inspiron's simple black design. Behind the unassuming **exterior** you'll find rock-solid construction with virtually no flex. A single modular bay accepts...

...flimsiest parts of a system, seems to be unusually stable. The ports do not have **covers**, but they are recessed out of harm's way.

You'll appreciate the Quantex's...solid. The stacked CD-ROM and floppy-drive module fits into a bay on the **front** of the notebook--a convenient design touch. If you wish, you can replace the standard...

...more than twenty countries.

The Extensa is dressed conservatively in dark gray with a curved **front**. Thanks to the notebook's unusual bay placement, the battery pack and hard drive are...the hard drive. The Latitude CP M200SD has two bays, both readily accessible from the **front** of the machine. One houses the main battery, and the other accepts the included 12X...  
...active-matrix screen.

The documentation includes an easy-to-use reference and troubleshooting manual. Dell **covers** the cost of parts for three years and labor for one. The technical support staff...

...1330

Pro: Very nice display, fast, good battery life

Con: Poor software bundle, no port **covers**

Quantex's latest entry into the power notebook market--the elegant H 1330--gives you...

...only communications software--Cheyenne's Bitware. Not even a lousy browser. The unit lacks a **cover door** for the ports on the back, too. Though these little **doors** do tend to break easily, exposed ports make us nervous. As with most notebooks today...a far cry from the tinny squeaks that most portables emit.

The machine's swooped **front** end gives it an art deco look. The blotchiness of the dual-scan screen is...

...launch often-used programs or files. Making this notebook even easier to use is the **front**-facing modular bay--you can hot-swap the floppy drive with an optional second battery...rear-exit, straight-through paper path accommodates card stock and other stiff materials. The on- **board** **control panel** is simple to navigate, and HP's documentation explains its finer details well. It also...that you probably won't need the manual to use them. The troubleshooting section also **covers** print-quality problems well, though it could better explain how to work the driver's...the power switch difficult to use because it was small, embedded too far into the **front** bezel, and hard to activate.

Pro: Very good picture quality.

Con: Higher-than-average price...

...fonts in our newsletter and spreadsheet looked clear and sharp. The E0710's nicely sculpted **front** panel gives it a design edge over the traditionally boxy monitor. But with a depth...includes weekends.

Con: Slow, no cross-ship replacement, free upgrade to 56-kbps standard only **covers** software.

Features: \$99; x2 protocol, 16-bit ISA card, 115.2-kbps PC-to-modem...

27/3,K/15 (Item 4 from file: 141)

DIALOG(R)File 141:Readers Guide

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03792648 H.W. WILSON RECORD NUMBER: BRGA98042648 (USE FORMAT 7 FOR FULLTEXT)

**350-and 400-MHz Pentium IIs: the new speed kings.**

AUGMENTED TITLE: top 100

Desmond, Michael.; Aquino, Grace.

PC World v. 16 no7 (July 1998) p. 213-20+

WORD COUNT: 35367

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... the stiff premium these systems usually carry.

This time, it's different. Following up our **cover** story in June about the first PCs based on Intel's new 350- and 400...any easier to open and upgrade than the GXa 333: Press a button on the **front** of the case, and the left panel swings up and off. The power supply swivels...speakers aren't top-of-the-line but are fine for a business machine.

Dell **covers** the cost of parts for three years and labor for one, while technical support lines...

...side of the case isn't too difficult--just turn two large screws--and the **front** pops off to provide access to the three empty external drive bays. Inside, you'll...

...was the toughest part; we struggled a bit to line up the side of the **cover** with the case before we could fit it back in place.

If you have any...and out of the way, while the chassis exhibits very little flex even with the **cover** off.

Buyers expect a PII-400 system to be fast, and the Vectra VL Series...

...you want your PC to move so fast that you feel the wind in your **face**, skip the \$2449 Quantex QP6/300 SM-4x: Its PC WorldBench 98 score of 151... Sound Blaster AWE64 sound card--produces high audio quality and volume.

The PC's sturdy **cover** is easy to remove, but our test unit's motherboard had some flex. In the...

...You'll also have a hard time keeping this PC's warranties straight. Sys Technology **covers** different parts of its systems for different periods of time. The good news is that...a plain-Jane, putty-colored midtower, as sturdy as it is dour. But its plain **exterior** hides some exciting components: a hefty 8.4GB hard drive and a cutting-edge 14X...not come with a modem.

Color-coded cables and ports make attaching peripherals easy. The **cover** is a breeze to remove too: Just twist off the two large screws with your...keyboard was too noisy and felt flimsy.

Getting inside is easy--just pop off the **front** panel. Four free slots and four open drive bays provide expandability; the bays are mounted ...Our biggest problem was removing the case. You have to pry the bezel off the **front** of the system just to get to the three Phillips-head screws that secure the...company's IS staff plans to add a network adapter to provide access to the **outside** world, you won't mind that the Office Pro-300 doesn't come with a...during those hours, one rep refused to offer us any assistance unless we were in **front** of the machine.

Note: The following article is the original review for a machine currently...

...and Microsoft Office Small Business Edition.

Micron's support policies are top-notch. The warranty **covers** parts for three years and labor for one, and technical phone support is available around...hold twice, and generally had a tough time navigating the company's phone system. Seanix **covers** its Baby Grande with a generous variable warranty (five years on the motherboard, memory, graphics...).

...fan of minimalism, you'll like the Inspiron's simple black design. Behind the unassuming **exterior** you'll find rock-solid construction with

virtually no flex. A single modular bay accepts...chart.

We were impressed with the \$3799 Latitude as soon as we saw it. The **front** of the charcoal-gray notebook has swept curves instead of the flat bulldog **face** found on most notebooks. At 1.5 inches top to bottom, it's also a...

...it becomes a stand that raises the back of the notebook for easier typing.

The **exterior** placement of the battery helped thin the notebook to 1.5 inches. But at 7...most dual-scans, the Solo's is difficult to view from anywhere but directly in **front**; and the one we looked at was unevenly lit. Still, most people who process words...

...solid-feeling Solo has several useful design features not found on all notebooks. The port **covers** fold all the way back and attach to the bottom of the unit--a clever trick that helps prevent the **covers** from breaking. In addition, the snap-out hard drive makes it easy to remove your...

...Comparatively heavy; poor support policies

WinBook's XL K6 233 demonstrates that Intel processors now **face** some serious competition in the notebook arena. Powered by the new mobile version of AMD...

...2283, it's \$800 cheaper than the average PMMX-233 portable to pass through our **doors**, and it outperforms most of them.

Beyond its charcoal-gray good looks, the XL K6...

...sturdy design will help it withstand the rigors of the road. If you make presentations **outside** the office, you'll appreciate the video-out port.

The system's documentation is first...1330

Pro: Very nice display, fast, good battery life

Con: Poor software bundle, no port **covers**

Quantex's latest entry into the power notebook market--the elegant H 1330--gives you...

...only communications software--Cheyenne's Bitware. Not even a lousy browser. The unit lacks a **cover door** for the ports on the back, too. Though these little **doors** do tend to break easily, exposed ports make us nervous. As with most notebooks today...

...on/off switch. Instead, the TravelMate automatically powers up as soon as you open the **lid**, and it turns off after you shut down Windows and close the **lid**. You might find this automatic feature a convenience or ...rear-exit, straight-through paper path accommodates card stock and other stiff materials. The on- **board** **control panel** is simple to navigate, and HP's documentation explains its finer details well. It also...that you probably won't need the manual to use them. The troubleshooting section also **covers** print-quality problems well, though it could better explain how to work the driver's...560 can even print on fabric transfers.

For serious graphics users, the Phaser 560 includes **front** -panel menus for color calibration and correction, and the documentation comes with a printed color...can adjust a wide array of controls by turning knobs located on the monitor's **front**. The 447Xpro includes a control that permits you to lock and password-protect your settings...s also handy that you can adjust brightness and contrast with just one click. CTX **covers** parts and labor for three years, but guarantees its cathode ray tube for only two...includes weekends.

Con: Slow, no cross-ship replacement, free upgrade to 56-kbps standard only **covers** software.

Features: \$99; x2 protocol, 16-bit ISA card, 115.2-kbps PC-to-modem...

27/3,K/16 (Item 5 from file: 141)

DIALOG(R)File 141:Readers Guide

03756220 H.W. WILSON RECORD NUMBER: BRGA98006220 (USE FORMAT 7 FOR FULLTEXT)

**Guitar amplifier.**

AUGMENTED TITLE: **cover** story

Seely, Rodrick.

Popular Electronics (Pop Electron) v. 14 (Dec. '97) p. 33-4+

WORD COUNT: 3455

(USE FORMAT 7 FOR FULLTEXT)

AUGMENTED TITLE: **cover** story

TEXT:

... for the Chrome Classic 50 guitar amp. Figure 6 gives dimensions for the enclosure's **front** panel. The **front** panel has a round cutout for a 10-inch speaker, and a rectangular cutout for...

...that's done, smooth out the rough edges to remove any splinters, and set the **front** panel to the side for now.

The next step is to prepare the top, bottom...

...are used to form the basic box when the pieces are assembled) are beveled; the **front** and rear edges are not beveled. Once that portion of the enclosure's construction is...

...to cut dadoes, as illustrated in Fig. 7, in the four panels to accommodate the **front** panel only. That means that the dado goes around the entire inside surface of the...

...inside surface) for easy identification. Measure 5/8-inch in from what will become the **front** edge, and draw a line from bevel edge to bevel edge along the panel's length. Locating a dado in that position makes the **front** panel recessed 5/8 inch when the enclosure is assembled, thereby providing protection for the **control panel** if the amp should ever be tipped over. Mark all four panels in the same...

...amount of wood glue evenly spread in the dado of the bottom panel. Place the **front** panel in the dado. Apply wood glue to one of the side-panel dadoes and...to the cabinet cutout using short wood screws. The speaker should be mounted from the **outside** in; e.g., the speaker's narrow mounting edge should be on the **outside** surface of the **front** panel. An aluminum cone speaker produces a very bright, crisp tone, and makes the amp

...

...particle board--measures about 15 X 13 X 8 inches. Dimensions for the enclosure's **front** panel are shown here.

Fig. 7. Prepare the top, bottom, and sides panels of the...

...at a 45[degree] angle. In addition, the four panels are dadoed to accommodate the **front** panel.

Fig. 8. Once the enclosure is complete, the **front** of the cabinet should resemble the diagram shown in A. The drawing in B illustrated... board, particle board stock, strain-relief bushing, fuse holder, TO-220 heatsinks, aluminum heatsink panel, **front** panel, nylon spacers, handle, wire, hardware, etc.

NOTE: The following items are available from Lynn...

...A complete kit of parts including an etched, drilled and plated-through PC-board, heatsinks, **front** panel, all electronic components, 10-inch aluminum speaker, and assembled cabinet for \$169; Printed-circuit board only for \$20; cabinet only for \$89; **front** panel and heatsink panel only for \$40. An assembled and tested unit is also available...

DIALOG(R)File 141:Readers Guide  
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03281728 H.W. WILSON RECORD NUMBER: BRGA96031728 (USE FORMAT 7 FOR FULLTEXT)

**Historic houses: Henry Ford: the inventor of the Model T at his estate in Michigan.**

Lacey, Robert.

Architectural Digest (Archit Dig) v. 53 (May '96) p. 158-63+  
WORD COUNT: 2049

(USE FORMAT 7 FOR FULLTEXT)

...ABSTRACT: structure, remains as drafted by Frank Lloyd Wright's protege Marion Mahony Griffin; the river **front** is dominated by a bay window worthy of British suburbia; and the roofline is a...

TEXT:

... acquired a splendid site--a dramatic rocky bluff overlooking the Rouge River in Dearborn, just **outside** Detroit. Only two miles from the simple farmhouse where Ford had been born and raised...

...an elegant Prairie-style pavilion.

The normally talkative Henry Ford never explained his spectacular volte- **face** . "Home" was the only brief that he gave his new architect. Van Tine had been...

...a lean and angular structure, survives virtually as drafted by Marion Mahony Griffin; the river **front** of the mansion is dominated by a bay window worthy of British suburbia, while the...he started making cars, and he enjoyed showing visitors the gleaming brass dials and marble **control panels** of his own private power plant--which was for many years large enough to supply...

...provided power for the house, and in return the power plant warmed pipes to the **grotto** that gave birds drinking water on the iciest winter's day.

Technology and nature, town...

...Marion Mahony Griffin's original design, including the Prairie-style soffits and the Ohio-limestone **front** . BELOW: Henry and Clara Ford found the hand-wrought iron Rose Garden gate on a...

27/3,K/18 (Item 7 from file: 141)

DIALOG(R)File 141:Readers Guide  
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03271600 H.W. WILSON RECORD NUMBER: BRGA96021600 (USE FORMAT 7 FOR FULLTEXT)

**Electromagnetic levitator.**

Williams, David.

Electronics Now (Electron Now) v. 67 (Feb. '96) p. 33-4+  
WORD COUNT: 2771

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... use Fig. 4 to fabricate your own.

Figure 5 shows how to drill the top **cover** of the plastic enclosure to accept the aluminum bracket and provide mounting holes for S1...

...32 screw. Lastly, push the plastic LED holder clip into the center hole of the **cover** as shown.

Feed the IRLED and its wires through the 1/4-inch hole in the top **cover** and insert the infrared LED into the reflective holder. Push the IRLED in until the...

...on the other end. Next feed the coil wires from the PC board through the **cover** and solder them to the coil. Then mount S1, LED and R16 to the enclosure **cover**. Before putting the enclosure halves together, file a small notch in the back edge to...the coil's ability to lift.

You may want to make a cardboard or plastic **cover** to hide the metal bracket and wires. This will make your levitator more attractive when...

...shown.

FIG. 5--DRILLING GUIDE for the levitator enclosure.

FIG. 6--A PLASTIC OR CARDBOARD **COVER** hides some of the levitator's components, enhancing the illusion that the globe is floating...

...etched printed-circuit board, heat sink for Q5 (TO-220), plastic enclosure (PacTec K-HPL), **hollow** metal globe, aluminum bracket, LED panel bezel mount (2 ea.), plastic LED clip **mount**, **knob** for potentiometer, No. 6-32 X 3/8 inch screw, No. 6-32 X 1...

27/3,K/19 (Item 8 from file: 141)

DIALOG(R)File 141:Readers Guide

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02831983 H.W. WILSON RECORD NUMBER: BRGA94081983 (USE FORMAT 7 FOR FULLTEXT)

**Top 20 PCs: sorting out the PCs.**

Farrance, Rex.

PC World v. 12 (Aug. 1994) p. 140-6+

WORD COUNT: 8445

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... 3 POWER MOBILE PC

PROS: Upgradable CPU, great 1-2-3 performance

CONS: Plastic port **covers** break easily  
Pentium may reign supreme among power desktops, but with traveling PCs, it's...

...but the case was clearly designed with the traveler in mind. For example, both the **cover** and the wide wrist rest--the two surfaces you'll probably be handling most--have...

...keyboard is solid and quiet with full-travel action, and the trackball is conveniently positioned **front** and center.

You get a one-year warranty, a 30 day money-back guarantee, and...

...matter of taste, the keys are also wobbly and flatter than we like. A separate **door** **covers** the internal 3 1/2-inch floppy drive, located at the **front** of the system right beneath the keyboard. The PCMCIA slot--which accepts two Type II cards or one Type III card-- is protected by a hinged **cover**. The memory expansion **door** is secured by a screw and opens easily so you can upgrade memory to the...repairs. You can buy an on-site service policy for \$260--not bad, considering it **covers** you for three years. Tech support is available 9 hours a day on weekdays but ...

...this Prolinea has many commendable features, including plenty of room to add components.

Pop the **lid** on this minitower's easy-open case, and you'll see a roomy, well-laid...class.

The sleek black case is handsome, and the solid construction--including an extra-strong **cover** on the PCMCIA Type III slot and a tough port-panel hinge--gives this notebook...

...rugged feel. You get a surprisingly vivid 9.5-inch passive color screen

with easy **key - board** -driven controls. The quiet keyboard has comfortable key travel, and the slightly **concave** keys are big and well spaced. The <Fn> function key is right next to the...

27/3, K/20 (Item 9 from file: 141)

DIALOG(R)File 141: Readers Guide

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02799496 H.W. WILSON RECORD NUMBER: BRGA94049496 (USE FORMAT 7 FOR FULLTEXT)

**Ticket to the fair.**

AUGMENTED TITLE: **cover** story

Wallace, David Foster.

Harper's (Harpers) v. 289 (July '94) p. 35-54

WORD COUNT: 16457

(USE FORMAT 7 FOR FULLTEXT)

AUGMENTED TITLE: **cover** story

TEXT:

... a siege. The interstate is dull and pale. Occasional other cars look ghostly, their drivers' **faces** humidity-stunned.

9:00 A.M.

It's still a week before the fair, and...Springfield's Sangamon Avenue, where homeowners with plastic flags invite you to park on their **front** lawn for five dollars. We stand near the back. I gather that "Little Jim" Edgar...with your eyes closed. The horse are in their own individual stalls, with half-height **doors** and owners and grooms on stools by the **doors**, a lot of them dozing. The horses stand in hay. Bill Ray Cyrus plays loudly...

...their heads, like fish. I've rarely been this close to fine livestock. The horses' **faces** are long and somehow suggestive of coffins. The racers are lanky, velvet over bone. The...

...hides enhance them. They make farty noises when they sigh, heads hanging over the short **doors**. They're not for petting, though. When you come close they flatten their ears and...

...dun stallion peeing. He's at the back of his stall getting combed, and the **door** is wide open. The stream of pee is an inch in diameter and throws up...

...that also oozes soap. The cows do not like this one bit. One cow, whose **face** is eerily reminiscent of Winston Churchill's, trembles and shudders and makes the frame clank...s no such word as "hooves." Some of the swine have large fans blowing in **front** of their pens, and twelve ceiling fans roar, but it is still hellish in here...

...shush her. The distressed pig's sides are heaving; it is sitting up with its **front** legs quivering, screaming horribly. This pig's keeper is nowhere in sight. A small sign...

...is having respiratory trouble, clearly: I'm guessing it inhaled either sawdust or excrement. Its **front** legs now buckle, so it is on its side, spasming. Whenever it can get enough...

...resembles a hideous molary grin. It is over 100 degrees in the sun, easy.

Happy Hollow 's dirt midway is flanked by carnival-game booths and ticket booths and rides. There...

...tame kiddie rides, but most of the rides look like genuine Near-Death Experience's. The **Hollow** seems to be open only technically, and the ticket booths are unmanned, though little heartbreaking...to chain-smoke. The Tilt-a-Whirl operator has got his boots up on his **control panel** reading a motorcycle-and-naked-girl magazine while guys attach enormous rubber hoses to the...twice. Native Companion's car descends, stops. Jiggles of movement in the car, then the **door**'s latch slowly turns. I expect whatever husk of a person emerges from the car...of rib length to depth. Depth of forerib. Notice the depth of flank on the **front** quarter. We'd like to see maybe perhaps a little more muscle mass on the ...

...is in a harder, squarer, somehow more earned way than the tourists on the paths **outside**. The fathers in the bleachers have bushy brows and simply enormous thumbs, I notice. Native...about nothing else. Mess up the pricing." Her husband confirms they got "screwed back to **front**" on last year's bidding.

3:00 P.M.

We hurtle here and there. Paidwe go on home." He looks like a bird himself. His **face** is mostly nose, his skin loose and pebbly like poultry's. His eyes are the...

...D. just in sheep, from the looks of it. Rambouilletts, Oxfords, Suffolks, Shropshires, Cheviots, Southdowns. **Outside** again, undulating ghosts of fog on the fairground paths. Everything set up but no one...

...great heights in two separate incidents under two separate Near-Death-Experience rides, trying to **cover** the Hollow.

8:40 A.M.

A Macy's-float-sized inflatable Ronald, seated and...

...over the Club Mickey D's tent. A family is having their picture taken in **front** of the inflatable Ronald, arranging their little kids in a careful pose.

8:42 A...compose the Sugar 'N' Spice division, and so on. I'm in a chair up **front** behind the competition's judges, introduced as "varsity twirlers" from (oddly) the University of Kansas...

...that says "SharpKut," hawking these spin-offs of Ginsu knives, "As Seen on TV." Next **door** is a booth offering personalized pet-ID tags. Another for the infamous mail-order-advertised Clapper, which turns on **appliances** automatically at the sound of two hands clapping (but also at the sound of a...Offset [sic] with the Fear of Taking Risk." There's a booth that offers clock **faces** superimposed on varnished photorealist paintings of Christ, John Wayne, Marilyn Monroe. There's a Computerized...

...fan of. A booth that for \$9.95 will take a photo and superimpose your **face** on either an FBI Wanted poster or a Penthouse **cover**. An "MIA--Bring Them Home!" booth staffed by women playing Go Fish. An anti-abortion...

...weird-eyed eager rural Christians who accost your space, to say "Not interested" at the **front door** and "No thanks" to mimeoed pamphlets, to look right through streetcorner missionaries like they were...

...haven't inhaled for several minutes. The woman is looking at the side of my **face**. "Are you sure? is the question," she says. I manage to make my straightening-up...whoop, as the spirit moves them. The men all have thinning hair and cheesy rural **faces**, and their skinny legs are rubberized blurs. The men's western shirts have piping on...

...people in the Twilight Ballroom, and the awakened looks on the younger ag-kid's **faces** have this astonished aspect, like they didn't realize their race could dance like this...gleaming tangles of pipes and spoilers jutting out all over, and unabashedly phallic bulges up **front**. The program says these models are what they used to race at Indy in the...

...the drivers wear helmets the same color as their cars, with white masks on their **face** to keep out the choking dust. The cars come in all hues. Most look to...

...his hands clamped over his ears so hard his elbows stick way out, and his **face** is a rictus of pain when they pass. The little boy and I sort of...

...hangs there while we all wait for news; and I look around at all the **faces** below the raised binoculars, but it's not at all clear what we're hoping...

...still mossily ringing--everything sounds car-phonish. Display of a 17.6-lb. zucchini squash **outside** the Agri-Industries Pavilion. One big zucchini, all right. In the Coliseum, the only historical...ever pined for is in the Sixteens' crowd. The girls cry out and frame their **faces** with their hands when Darrell gets hit. I do not know why cut-off overall...

...him on his bottom. Sullivano gamely rises, but his knees wobble and he won't **face** the ref. Hall raises both arms and **faces** the crowd, disclosing a missing incisor. The girls betray their cheerleading backgrounds by clapping and...car is going to get smashed up against the other car, and you can see **faces** in the other car hurtling toward you, gray with fear and squishy with G's...

...two football fields to the north of the crane. There's a folding table in **front** of the clothesline cordoning off the crane, and a line of people at the table...

...as the guy is lifted into the air by the tower's cable. The harness **covers** his shorts and top, so he looks babe-naked as he rises. The one cable...

...like livestock in a sling. You can tell he's trying to swallow until his **face** gets too small to see. Finally he's all the way up at the top ...see something besides land and grass and corn and cable TV and your wife's **face**. Hence the sacredness out here of spectacle, public event: high-school football, Little League, parades...

...down. Something in a Midwesterner sort of actuates, deep down, at a public event. The **faces** in the sea of **faces** are like the **faces** of children released from their rooms. Governor Edgar's state-spirit rhetoric at the ribbon...

27/3,K/21 (Item 10 from file: 141)

DIALOG(R)File 141:Readers Guide

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02776133 H.W. WILSON RECORD NUMBER: BRGA94026133 (USE FORMAT 7 FOR FULLTEXT)

**Vintage radio.**

Knight, Marty.

Electronics Now v. 65 (Jan. 1994) p. 63-6+

WORD COUNT: 4273

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

... obsolete wooden cabinet only hints at its age, so you pull back the

heavy cardboard **cover** at the back and peek in to see the shape of its vacuum tubes--the...

...you get "jewel in the rough" home, you begin your exploration by removing the heavy **cover**, knobs, and screws that hold the dusty metal chassis to the cabinet. After sliding out...

...are lucky, your cleaning efforts might reveal an old paper schematic pasted to the back **cover** giving the names of the manufacturers of the set and the tubes. An old schematic...grid vacuum tube introduced in 1927. As a result, self-oscillation was eliminated and the **door** was opened for the first true "one-knob dialing" radios.

The TRF radio held the...1947 cut the legs out from under further receiving tube development.

[ cont. on p.76] **Panel controls**

As the concept of the radio receiver changed from that of a laboratory curiosity to...

...two to four inches in diameter. Typically, they were molded from black backlit with contrasting **recessed** white scale markings from 0 to 100.

Dial calibration in units of 10 to 100...too must be removed.

Also, many old radios have loop antennas attached to their back **covers**. Disconnect the leads to the antenna and set it aside. Whenever you disconnect or cut...and tuning dial. Battery-operated, it had a tuning capacitor whose plates opened like book **covers** as capacitance was varied.

PHILCO'S 38-10T SUPERHETERODYNE table radio could receive both broadcast...

```
?show files;ds
File 15:ABI/Inform(R) 1971-2003/Feb 08
    (c) 2003 ProQuest Info&Learning
File 646:Consumer Reports 1982-2003/Jan
    (c) 2003 Consumer Union
File 47:Gale Group Magazine DB(TM) 1959-2003/Feb 06
    (c) 2003 The Gale group
File 570:Gale Group MARS(R) 1984-2003/Feb 06
    (c) 2003 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2003/Feb 05
    (c) 2003 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2003/Feb 07
    (c) 2003 The Gale Group
File 16:Gale Group PROMT(R) 1990-2003/Feb 06
    (c) 2003 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
    (c) 1999 The Gale Group
File 990:NewsRoom Current 2003/Feb 10
    (c) 2003 The Dialog Corp.
File 484:Periodical Abs Plustext 1986-2003/Feb W1
    (c) 2003 ProQuest
File 112:UBM Industry News 1998-2003/Feb 10
    (c) 2003 United Business Media
File 553:Wilson Bus. Abs. FullText 1982-2002/Dec
    (c) 2003 The HW Wilson Co
```

Set	Items	Description
S1	558594	RECESS?? OR CONCAV??? OR INCURV??? OR SUNKEN OR (BOWL OR C- RATER OR SAUCER OR SPOON) ()(SHAPE? ? OR LIKE) OR INDENT? OR H- OLLOW OR GROTTO OR NICHE OR ALCOVE
S2	8306158	CONTROL? ? OR KEY? ? OR BUTTON? ? OR KNOB? ? OR STUD OR ST- UDS OR INPUT? ? OR TOUCH OR DIAL? ? OR DISPLAY? ?
S3	9394658	PANEL? ? OR PLATE? ? OR PAD OR MOUNT??? OR BOARD? ? OR CEN- TER? ? OR DEVICE? ?
S4	33265	KEYPAD OR CONTROLPANEL OR CONTROLBOARD OR TOUCHPAD
S5	6739292	DOOR? ? OR LID? ? OR FRONT? ? OR COVER? ? OR EXTERIOR? ? OR OUTSIDE? ? OR OUT()SIDE? ? OR FAÇADE? ? OR FACE? ? OR ANTERI- OR? ?
S6	856350	DISHWASHER? ? OR APPLIANCE? ? OR OVEN? ? OR STOVE? ? OR MI- CROWAVE? ? OR TOASTEROVEN? ? OR REFRIGERATOR? ? OR FREEZER? ? OR KENMORE OR MAYTAG OR BOSCH OR AMANA OR WHIRLPOOL
S7	166448	S2()S3
S8	195377	S4 OR S7
S9	165	S1(5N)S8
S10	33154	S5(10N)S6
S11	1	S9(10N)S10
S12	255	S1(10N)S8
S13	7326734	S5 OR S6
S14	24	S9(10N)S13
S15	31	S12(10N)S13
S16	7	S15 NOT S14
S17	31	S14 OR S15
S18	30	S17 NOT PY>2001
S19	27	S18 NOT PD=20010816:20030331
S20	20	RD (unique items)

20/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00747599 93-96820  
**Human factors: Inglis bakes up oven design from scratch**  
Jancsurak, Joe  
Appliance Manufacturer v41n8 PP: 30 Aug 1993  
ISSN: 0003-679X JRNL CODE: APL  
WORD COUNT: 766

...TEXT: 25deg up and 30deg down."

Chrome was eliminated from the panel to reduce glare. A **recessed** work-light, positioned above the panel, also reduced glare.

The **control panel** was supplied by Decor Products International, Midland, Ont.

**Oven** -handle design and placement was another consideration and required close involvement with Inglis' supplier, Kromet...

20/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

00742443 93-91664  
**Line them up**  
Anonymous  
Dealerscope Merchandising v35n7 PP: 109 Jul 1993  
ISSN: 0888-4501 JRNL CODE: DEA  
WORD COUNT: 594

...TEXT: microwave ovens last month, all featuring the company's newly designed "S" wave. The convex **oven door** meets a **concave door** release/ **control panel** for a contemporary look.

The new Samsung **microwave ovens** range in suggested retail price from \$299.95 to \$279.95. All are currently available...

20/3,K/3 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

03481174 SUPPLIER NUMBER: 09556823 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Seikosha SL-90. (Hardware Review) (one of 52 evaluations of dot matrix printers in 'Dot matrix.') (evaluation)**  
Quain, John R.  
PC Magazine, v9, n19, p429  
Nov 13, 1990  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1317 LINE COUNT: 00095

... up and running in no time. The on/off switch is conveniently situated on the **front** (below the four-button membrane **control panel**), and a **recessed** Centronics parallel port keeps the computer connection out of the paper's way. The DIP...

20/3,K/4 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

03477627 SUPPLIER NUMBER: 09556661 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Okidata Microline 380. (Hardware Review) (one of 52 evaluations of dot matrix printers in 'Dot matrix.') (evaluation)**  
Betts, Kellyn S.  
PC Magazine, v9, n19, p414(2)  
Nov 13, 1990  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 592 LINE COUNT: 00045

...ABSTRACT: unit offering a sleek design, good-quality output and a reasonable selection of features. Its **control panel** is located in a **recessed** area on the **front** panel, and setup is very easy. The Microline 380 offers dual paper paths but requires...

... the design of this model with a heightened concern for ergonomics. The location of the **control panel** in a **recessed** area toward the left of the **front** panel makes it more easily accessible than with other Microline machines. The printer's Centronics...

**20/3,K/5 (Item 3 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

03223971 SUPPLIER NUMBER: 07012666 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**On base in space. (United States Industrial Space Facility)**  
Scheffter, Jim  
Popular Science, v234, n3, p94(7)  
March, 1989  
CODEN: POSCD ISSN: 0161-7370 LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
WORD COUNT: 4620 LINE COUNT: 00353

... has a long center aisle, 84 inches wide, surrounded on all sides by cabinets, cupboards, **doors** and drawers, scientific stations, **recessed** workbenches, and **control panels**. Four long rows of diffused lights--one at each edge of "floor" and "ceiling"--stretch...

**20/3,K/6 (Item 4 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03149581 SUPPLIER NUMBER: 07008193 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Citizen Tribute 124. (Hardware Review) (one of 60 evaluations of dot matrix printers) (evaluation)**  
Smilgiewicz, Gene  
PC Magazine, v7, n18, p248(1)  
Oct 31, 1988  
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 529 LINE COUNT: 00041

Located in a **recessed** compartment below the **front control panel**, the bank of configuration DIP switches is easily accessible when you are changing the myriad...

**20/3,K/7 (Item 5 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

03087517 SUPPLIER NUMBER: 06664673 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Seiko TargaPlot 2. (Hardware Review) (one of eight evaluations of ink jet**

and thermal transfer color graphics printers) (evaluation)  
Rosch, Winn L.

PC Magazine, v7, n10, p186(2)

May 31, 1988

DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 922 LINE COUNT: 00068

... the machine. The power connector is at left rear; the power switch is nearby.

The **control panel**, which is given its own angled **niche** in the **front** of the machine, shows you a variety of LED indicators, a two-digit, seven segment...

**20/3,K/8 (Item 6 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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02879303 SUPPLIER NUMBER: 04376608 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Toshiba P351 printer greatly improves on other 24-pin dot-matrix machines.**  
(computer printer) (evaluation)

Pepper, Jon  
PC Week, v3, p123(2)  
Sept 9, 1986

DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1005 LINE COUNT: 00077

... print wires that are only 8 millimeters in diameter.

Overall printer control comes from a **recessed** membrane **touch - panel** on the right **front** of the P351. There are touch controls of select/deselect, top of page, line feed...

**20/3,K/9 (Item 1 from file: 570)**

DIALOG(R)File 570:Gale Group MARS(R)  
(c) 2003 The Gale Group. All rts. reserv.

01284817 Supplier Number: 43001226 (USE FORMAT 7 FOR FULLTEXT)  
**Samsung Unveils Curved M'waves**

HFD-The Weekly Home Furnishings Newspaper, v0, n0, p132  
May 18, 1992  
ISSN: 0746-7885

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 643

... must look like a box and created a flowing cabinet with a slight arc - the **door** section is convex and the latch bar below the **touch pad** is **concave**.

"They've done a wonderful job with this contemporary S-curve," exclaimed Lezon about the...

**20/3,K/10 (Item 1 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou. (R)  
(c) 2003 The Gale Group. All rts. reserv.

01078748 Supplier Number: 40440168 (USE FORMAT 7 FOR FULLTEXT)  
**NEW PCB PROCESSING TANKS SPEED PRODUCTION; IMPROVE SAFETY**

News Release, pN/A  
July 7, 1988  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 253

... also been a consideration in designing the PA tank series. The outer casing incorporates a **recessed front control panel** which effectively prevents any split liquids coming into contact with the splash-proof controls contained...

20/3,K/11 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou. (R)  
(c) 2003 The Gale Group. All rts. reserv.

01071697 Supplier Number: 40363033 (USE FORMAT 7 FOR FULLTEXT)  
**MICROVITEC INTRODUCES TARGA AND VISTA COMPATIBLE MONITOR**  
News Release, p1  
April 22, 1988  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 373

... range of graphics capabilities.

The AUTO-SYNC is ergonomically designed for ease of use. The **front recessed control board** panel keeps all controls -- brightness, contrast, horizontal and vertical adjustments -- accessible via the front panel...

20/3,K/12 (Item 3 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou. (R)  
(c) 2003 The Gale Group. All rts. reserv.

01033947 Supplier Number: 39974867 (USE FORMAT 7 FOR FULLTEXT)  
**FLAT MOUNT TERMINAL BLOCK FROM KULKA DESIGNED FOR HEAVY DUTY APPLICATIONS**  
PR Newswire, pN/A  
Feb 23, 1987  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 269

... be inserted easily into each tubular contact, without the use of any lugging devices. "Dead **front**" construction, with both screws and contacts **recessed** in the 94VO-rated housing, assures maximum safety.

Ideal for **control panels**, industrial HVAC equipment, electrical switching and similar devices, the 0987 Series is rated at up...

20/3,K/13 (Item 4 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou. (R)  
(c) 2003 The Gale Group. All rts. reserv.

01019364 Supplier Number: 39675503 (USE FORMAT 7 FOR FULLTEXT)  
**ACCURAY ANNOUNCES MEASUREMENT PLATFORM TO IMPROVE MEASUREMENT ACCURACY**  
PR Newswire, pN/A  
Jan 16, 1986  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 507

... a flowing and continuous seal, to further seal out dirt and protect sensitive components.

End **doors** are molded, reinforced fiberglass and close using quick-release **recessed** latches. Convenient membrane **control panels** at

either end of the platform prevent dirt from entering. They feature tactile response, LED...

20/3,K/14 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

12360928 SUPPLIER NUMBER: 62591109 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Challenge-Driven Designs.**

Jancsurak, Joe; Marosi, Charmaine  
Appliance Manufacturer, 48, 5, 63  
May, 2000

ISSN: 0003-679X LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 4758 LINE COUNT: 00396

... features adding to the overall appeal of this system include a molded-in handle; a **recessed front - control panel** located behind the plastic case to protect the gauges, valves, and service ports from damage

...

20/3,K/15 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

11735601 SUPPLIER NUMBER: 58587510 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Assembly Is a "Snap" for Parts Manufacturer.**

Plastics Engineering, 55, 12, 74  
Dec, 1999

ISSN: 0091-9578 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 257 LINE COUNT: 00024

TEXT:

...acrylonitrile-butadiene styrene (ABS), polycarbonate, and acrylic. TTK-Box products can include sliding or hinged **doors**, **keypad recesses** or cutouts, bezels, LCDs, LED and connector openings, snap-fit **covers**, battery compartments, and more. Custom colors are available, as are EMI and RFI shielding.

20/3,K/16 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06759495 SUPPLIER NUMBER: 14501131 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Inglis bakes up oven design from scratch.**

Appliance Manufacturer, v41, n8, p30(1)

August, 1993

ISSN: 0003-679X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 833 LINE COUNT: 00065

... up and 30 [degrees] down."

Chrome was eliminated from the panel to reduce glare. A **recessed** work-light, positioned above the panel, also reduced glare.

The **control panel** was supplied by Decor Products International, Midland, Ont.

**Oven**, handle design and placement was another consideration and required close involvement with Inglis' supplier, Kromet...

20/3,K/17 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04595620      SUPPLIER NUMBER: 09018743      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Deep Gulf project opens new ROV era. (remotely operated vehicle, Gulf of Mexico offshore oil industry)**  
Baugh, Benton F.; Tillinghast, William S.  
Oil and Gas Journal, v88, n19, p86(4)  
May 7, 1990  
ISSN: 0030-1388      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 2055      LINE COUNT: 00153

... and three sealant intensifiers with only two hydraulic lines between the ROV and the tool. **Recessed** T-handles on the **control panel face** were used to direct the hydraulics to the individual function. This tool weighed approximately 600...

**20/3,K/18 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08967773      Supplier Number: 77874553      (USE FORMAT 7 FOR FULLTEXT)  
**TC - HELICON VOICEPRISM.**  
Nelson, Mark  
Electronic Musician, v17, n8, p136  
August, 2001  
Language: English      Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 3216

... music store.  
The knobs and switches feel reassuringly solid. I particularly like the ergonomic slant- front design. Also, kudos to the designer who thought to **recess** the **display panel** out of harm's way; it's a small detail, but my road rack is...

**20/3,K/19 (Item 2 from file: 16)**  
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08908840      Supplier Number: 77149409      (USE FORMAT 7 FOR FULLTEXT)  
**Fume Exhaust Hood. (PFH Series polypropylene fume exhaust hood) (Brief Article)**  
Semiconductor International, v24, n9, p142  
August, 2001  
Language: English      Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 100

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...work chamber's airflow. The unit features stress-relieved polypropylene, an adjustable clear acrylic sash, **recessed** lighting, **recessed front control panel** and adjustable rear baffles to balance exhaust flow. Construction includes PP, FRPP (fire-retardant), PVC...

**20/3,K/20 (Item 3 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07558829      Supplier Number: 62893335      (USE FORMAT 7 FOR FULLTEXT)  
**COMPACTPCI: The Nuts and Bolts of Next-Gen CT. (Buyers Guide)**  
Grigoris, Richard  
Computer Telephony, v8, n6, p42

June, 2000  
Language: English Record Type: Fulltext  
Article Type: Buyers Guide  
Document Type: Magazine/Journal; Trade  
Word Count: 15851

... an option. Washable air filters are an integral part of the bottom fan assembly's **front** panel and are easily removed for maintenance.

The **control panel** consists of a **recessed** power and reset switch with power-on and hard drive LEDs. There is room for...